

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

NOVEMBER 1999

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
05	2010	C: NGK BDV GCK EBR*	02	0927-0936	NGK
			04	0108-0124	NAG
			06	0854-0909	NGK BDV
			14	0756-0806	GNA
			16	0237-0310	KNY+
			16	0408-0420	MMB+ KAK+
			18	0948-1017	NAG
			26	0118-0210	MMB+ KAK+ KNY+
			26	1341-1400	BDV+ HER
			27	1208-1222	NGK BDV+ NAG HER
			30	1038-1049	NGK
			30	1226-1245	NAG

REPORTING OBSERVATORIES (up to the 2nd of January 2000):

SOD NUR NGK BDV CLF HRB NAG GCK MMB EBR COI BJI SPT KAK KNY QUE LNP HYB GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).